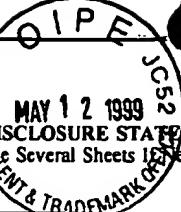


FORM PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No.: WNET-00500	Serial No.: 09/159,267
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (See Several Sheets If Necessary)		Applicant: Kirk Treadaway et al.	
(37 CFR § 1.98(b))		Filing Date: Sept. 23, 1998	Group Art Unit: 2331 2661



U.S. PATENT DOCUMENTS

Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patente	Class	Subclass	Filing Date
B	AA	3,564,144	2/16/71	Diggelmann	179	15	8/14/67
	AB	3,988,545	10/26/76	Kuemmerle et al.	479	15 BV	4/29/75
	AC	4,731,785	3/15/88	Ferenc et al.	370	60	6/20/86
	AD	4,876,742	10/24/89	Vacon et al.	455	66	3/23/87
	AE	4,893,340	1/9/90	Lubarsky et al.	380	50	10/5/88
	AF	5,050,166	9/17/91	Cantoni et al.	370	94.1	4/28/90
	AG	5,119,226	6/2/92	Allen et al.	359	172	3/30/89
	AH	5,159,592	10/27/92	Perkins	370	85.7	10/29/90
	AI	5,220,678	1/15/93	Feei	455	69	8/12/91
	AJ	5,276,703	1/4/94	Budin et al.	375	1	1/13/92
	AK	5,307,348	3/26/94	Buchholz et al.	370	85.2	11/5/90
	AL	5,436,902	7/25/95	McNamara et al.	370	85.3	4/5/94
	AM	5,442,633	8/15/95	Perkins et al.	370	94.1	7/8/92
	AN	5,475,681	12/12/95	White et al.	370	60	1/31/94
	AO	5,519,691	5/21/96	Darcie et al.	370	18	6/3/94
	AP	5,563,728	10/8/96	Allen et al.	359	172	2/22/94
	AQ	5,563,889	10/8/96	Gard et al.	370	1	RECEIVED

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		Document Number	Publication Date	Country / Patent Office	Class	Subclass	MAY 14 1999 Translation
						Group 2700	No
B	AR	2 306 278 A	4/30/97	United Kingdom	H04L	1/00	
AS	AS	WO 94/27382	11/24/94	PCT	H04B	7/216	

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AT	"Design of A Selective FEC Subsystem to Counteract Rain Fading in Ku-Band TDMA Systems," G. McMillen, B. Mazur and T. Abdel-Nabi, International Journal of Satellite Communications, Vol. 4, pp. 75-82, 1986
AU	"Frequency Diversity and Its Applications," F. Carassa, G. Tartara and E. Matricciani, International Journal of Satellite Communications, Vol. 6, pp. 313-322, 1988
AV	"Up-Link Power Control of Satellite Earth-Stations As A Fade Countermeasure of 20/30 GHz Communications Systems," J. Hörle, International Journal of Satellite Communications, Vol. 6, pp. 323-330, 1988
AW	"A Technique for Estimating the Throughput of Adaptive TDMA Fade Countermeasure Systems," S. Barton and S. Dinwiddie, International Journal of Satellite Communications, Vol. 6, pp. 331-341, 1988
AX	"Fade Countermeasures At K _b Band for Olympus," M. Willis and B. Evans, International Journal of Satellite Communications, Vol. 6, pp. 301-311, 1988
AY	"A Unified Statistical Rain-Attenuation Model for Communication Link Fade Predictions and Optimal Stochastic Fade Control Design Using A Location-Dependent Rain-Statistics Database," Robert Manning, International Journal of Satellite Communications, Vol. 8, pp. 11-30, 1990
AZ	

Examiner: *Kirk T*

Date Considered:

5/21/94

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	
<p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary) (37 CFR § 1.98(b))</p> <p style="text-align: center;">MAY 12 1999 JC52</p> <p style="text-align: center;">PATENT & TRADEMARK OFFICE</p>		Attorney Docket No.: WNET-00500 Serial No.: 09/159,267	
		Applicant: Moshe Nativ <i>et al.</i>	
		Filing Date: Sept. 23, 1998 Group Art Unit: 223-2664	
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)			
BA	"Adaptive Modulation As A Fade Countermeasure. An Olympus Experiment," M. Filip and E. Vilar, International Journal of Satellite Communications, Vol. 8, pp. 31-41, 1990		
BB	Radiowave Propagation in Satellite Communications, Louis J. Ippolito, Jr., Van Nostrand Reinhold Company 1986, pp. 42-57 and 64-92		
BC	Digital Communications, John G. Proakis, Mc Graw-Hill, Third Edition, 1990, pp. 278-285		
BD	CDMA Principles of Spread Spectrum Communication, Andrew J. Viterbi, Addison-Wesley Wireless Communications Series, 1995, pp. 155-168		
BE	Information on Giganet Ltd., the Microwave Fiber™ company, displayed at www.giganet-corp.com , April 21, 1998		
BF			
BG			
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BJ			
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Examiner:	<i>b. l. n. w.</i>	Date Considered:	<i>5/2/99</i>
EXAMINER:	Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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FORM PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: WNET-00500	Serial No.: 09/159,267		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Pages If Necessary) (37 CFR § 1.98(b))				Applicant: Kirk Treadaway et al.			
				Filing Date: Sept. 23, 1998		Group Art Unit: 2731 2669	
U.S. PATENT DOCUMENTS							
Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Pattee	Class	Subclass	
	AA	5,754,945	05/19/98	Lin et al.	455	JAN 18 2000	
	AB	5,657,371	08/12/97	Mahany et al.	370	338 07/22/94	
	AC	5,648,969	07/15/97	Pasternak et al.	370	349 07/13/95	
	AD	5,636,213	06/03/97	Eastmond et al.	370	278 12/28/94	
	AE	5,313,461	05/17/94	Ahl et al.	370	94.2 06/08/92	
	AF	5,303,303	04/12/94	White	380	49 02/08/93	
	AG	4,975,906	12/04/90	Takiyasu et al.	370	86.130 02/09/89	
	AH						
	AI						
	AJ						
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS							
		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation
	AK	GB 2316583 A	02/25/98	UK	H04L	29/06	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	AL	WO 98/10541 A1	03/12/98	PCT	H04J	3/16	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	AM						
	AN						
	AO						
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)							
	AP	Goldberg, Lee, "100Base-T4 Transceiver Simplifies Adapter, Repeater, and Switch Designs," Electronic Design, vol. 43, no. 6, March 1995, USA.					
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
	AW						
	AX						
	AY						
	AZ						
Examiner:	<u>W. Lin Lee</u>			Date Considered:	5/3/04		
EXAMINER:	Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

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FORM PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: WNET-00500		Serial No.: 09/159,267	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>REMEMBER Use Several Sheets If Necessary</small> (37 CFR § 1.98(b))				Applicant: Kirk Treadaway et al.			
				Filing Date: Sept. 23, 1998		Group Art Unit: 2731 3664	
U.S. PATENT DOCUMENTS							
Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
<i>CH</i>	AA	5,953,319	09/14/99	Dutta et al.	370	228	09/29/95
	AB						
	AC						
	AD						
	AE						<i>RECEIVED</i>
	AF						MAY 22 2001
	AG						<i>Technology Center 2600</i>
	AH						
	AI						
	AJ						
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS							
		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation
							Yes No
	AK						
	AL						
	AM						
	AN						
	AO						
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)							
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
	AW						
	AX						
	AY						
	AZ						
Examiner:	<i>William L. L.</i>			Date Considered:	<i>5/3/01</i>		
EXAMINER:	Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						



PTO/SB/08A (10-96)

Substitute for form 1449A/PTO <i>PATENT & TRADEMARKS</i>		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	09/159,267
		Filing Date	September 23, 1998
		First Named Inventor	Kirk TREADAWAY et al.
		Group Art Unit	<i>2731 2664</i>
		Examiner Name	
Sheet	1	of	1
		Attorney Docket Number	
		TREADAWAY=1A	

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	AB	European Patent Office: <u>Patent Abstracts of Japan</u> , Abstract for JP 07336367, published December 22, 1995, applicant: CANON INC., title: "Radio Communication Equipment"

**Examiner
Signature**

Nikita Luh

**Date
Considered**

5/3/05

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.